

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
September 10, 2012**

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday, September 10, 2012 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Dana Pizarro, Vice Chairman Fran Beck, Jack Yahraes, Joe McCawley and Kevin Cummings. Also in attendance were: Rick Smith (Township Manager), Dan Barbato (Pennoni), Bob Adams, and Walter Wujick (Conservancy Board).

COMMON ACRONYMS:

<i>BFES – Big Fish Environmental Services</i>	<i>MA- Municipal Authority</i>
<i>BOS – Board of Supervisors</i>	<i>NPDES – National Pollutant Discharge Elimination System</i>
<i>CB – Conservancy Board</i>	<i>PC – Planning Commission</i>
<i>DEP – Department of Environmental Protection</i>	<i>PR – Park & Recreation Board</i>
<i>EPA – Environmental protection Agency</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>HC – Historical Commission</i>	<i>SSO – Sanitary System Overflow</i>
<i>I&I – Inflow & Infiltration</i>	<i>WAS – Waste Activated Sludge</i>
<i>LCSTP – Lochwood Chase Sewer Treatment Plant</i>	

Call to Order & Pledge of Allegiance

Dana called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember the troops. Dana asked if anyone would be recording the meeting and there was no response.

Chairman’s Report

Dana attended the West Goshen Sewer Authority meeting. The federal court filings are being prepared. There is a meeting scheduled with DEP for September 25, 2012. The comment letter in response to the draft PDS permit was submitted to the PADEP. If the year 9 TMDL remains in the final permit, an EHB appeal will be necessary. The Goose Creek Stream study/TMDL permit issues are continuing. They want to have TMDL at Goose Creek removed entirely.

Dana attended the PMAA meeting. He reported that senate Bill 375 was signed which covers how authorities should spend money and where it should be allocated. (Inkind services and donations can’t exceed \$1,000/year). He reported on several other bills that were passed.

Approval of Minutes

The Chairman noted that the minutes of the August 13, 2012 meeting were approved as corrected.

Approval of Invoices

1. Joe moved to approve payment of 5 Pennoni invoices:

#517331	\$ 716.50
#517332	\$ 6,890.75
#517333	\$ 258.00
#517334	\$ 190.50
#517336	\$ 3,966.00

Fran seconded the motion. The motion passed unanimously.

Alarms: We responded to 17 alarms during the month ranging from generators running to a high level alarm. All alarms were cleared and all stations put back in service.

PA One Calls: We received 133 PA One calls for the month of August.

2. **Dan Barbato, Pennoni, provided the engineer's report:**

Invoices: Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP) – No activity this period. We will assist with supporting and reviewing warranty claims, plant troubleshooting and operations support as requested.

LCSTP Elimination

The contractor has installed lot pins at two property corners between 920 and 922 Dolphin Drive and submitted as-built plans. All contract work is complete. The contract close-out documents (Contractor's Release and Statement of Surety) have also been submitted. A 2-year Maintenance Bond was provided at the start of the project. The Municipal Authority will verify that the lot pins were set and Pennoni is reviewing the as-built plans submitted by the contractor.

Hershey's Mill PS Diversion & Reserve PD Elimination

We submitted the Reserve PS and the Hershey's Mill PS GP-5 "General Permit for Utility Line Stream Crossing" applications to DEP on June 27 and June 22 respectively. DEP has reviewed the Reserve PS application and has verbally informed us that we need to set up a bog turtle screening by the Army Corps of Engineers (ACOE). We have contacted the ACOE to set up the screening and are awaiting a response. We are still awaiting DEP's review of the Hershey's Mill PS application.

We received comments from the Chester CO. Conservation District (CCCD) on the Erosion and Sediment Pollution Control Plan submissions for both projects. We revised the plans and made formal resubmissions to the CCCD. The revised plans were informally approved by CCCD via email prior to formal resubmission. We are awaiting formal approval.

We prepared 4 Draft sanitary sewer easement legal descriptions and exhibits for the diversion project – 1 for the Hershey's Mill PS and 3 for the Reserve PS. The Draft documents were forwarded to the Township for review and comment.

We recommend rock borings be performed along the alignment of both projects prior to bidding to determine if rock will be encountered during the work. Recommended boring locations were previously forwarded to the township.

Marydell PS Elimination -

We submitted the PennDOT HOP application for the sewer construction and the permit has been issued. The permit provides for a jack & bore (trenchless) installation across Boot Road and open-cut trenching for the remainder of the work. The Paoli Pike crossing at Saratoga Drive is proposed to occur at night with a full road closure and detour.

The Pump Station Closure Plan was submitted to DEP on July 31, 2012, and we are awaiting DEP's review.

A small additional easement will be required from the shopping center for the proposed sewer, and we will prepare an easement legal description and exhibit if/when the shopping center owner and Township work out terms of the easement.

Once the easement is obtained and the Pump Station Closure Plan is approved, all third party approvals and permits will be in place, and the project can be put out to bid. We anticipate putting the project out to bid in the winter so that construction can commence in early spring.

Hershey's Mill Muffin Monster

We finalized the mechanical and electrical plans and submitted them to DEP on August 16, 2012. We requested feedback from DEP within 60 days.

Once DEP approves the plans, we will coordinate with the Muffin Monster supplier to obtain formal product pricing.

Semi-Annual Sewer System (Formerly "CO&A") Status Report

We have begun to analyze portable and permanent meter data from January-July 2012 for preparation of the internal semi-annual sewer system status report. This will be the first internal-only report since the semi-annual CO&A submissions to DEP were no longer required. The report format and content is intended to be similar to that in the previous CO&A reports. We will submit the report to the Township by September 30, 2012.

3. **Big Fish Environmental Services, Inc., Scott Towler presented the following written report:**

Treatment Process Operation

Sequencing batch reactors (SBRs) numbered 1, 3, & 4 were in service during the month of August. SBR No. 2 remains out of service with approximately a mixture of 1 foot of sludge and rainwater within the tank. Transfer of the contents of SBR2 is planned during September.

During the month of July, there were a total of 3 exceedances of the final effluent discharge limitations for total phosphorus. Two (2) exceedances were reported for outfall 011 and one (1) for outfall 002 (Applebrook). Available final effluent total phosphorus concentrations for samples collected during August exceed the effluent discharge limitation.

Adjustments to the SBR process during August include increasing the mixed liquor concentration (MLSS), increasing the sludge age and decreasing the food to mass ratio (F:M ratio). The objective of the process adjustments is to restore biological phosphorus removal and prepare for the autumn and winter operations. Grab samples from the final effluent flow equalization basin and final effluent discharge were routinely analyzed (daily Monday through Friday) for pH, Alkalinity and total phosphorus was implemented for the final effluent flow equalization basin and final effluent discharge.

The process adjustments indicate the final effluent total phosphorus concentration was trending downward towards the discharge limitation concentration. Daily process monitoring of the final effluent and SBRs will continue to monitor improvement towards achieving consistent total phosphorus concentrations compliant with the discharge limitation.

Solids Dewatering and Disposal

During August, the centrifuge dewatering system was placed in service. A summary of the solids processing activity is provided.

During the month, sludge wasting and decanting of the sludge holding tanks was ongoing. A total volume of 103,425 gallons of supernatant was decanted from the sludge

holding tanks. pH and alkalinity were monitored on average twice per week and total solids once per week.

Sludge holding tank #1 began the month as 0.90% total solids and ended the month at 0.66% total solids. Tank level at the beginning of the month was 10.72 ft. and at the end of the month was 4.52 ft.

Sludge holding tank #2 began the month as 0.87% total solids and ended the month at 1.08% total solids. Tank level at the beginning of the month was 11.22 ft. and at the end of the month was 14.56 ft.

Maintenance, Repairs and Warranty

Outstanding: centrifuge replacement parts – Worth & Co. to replace parts used for warranty repair.

Action: BFESI will provide Worth & Co a letter requesting resolution of the matter on or before Oct. 1, 2012.

Outstanding: SBR and Centrifuge MCC panel hour meters – Worth & Co informed

Action: Pennoni Assocs/township to provide Worth & Co. a copy of the short circuit study completed by Clinger Corp.

Outstanding: Screen Building overhead door.

Action: Worth & CO will be contacted to investigate the malfunctioning door.

Scheduled Maintenance/Repairs

Tightened the drive belts for SBR No 1 blower.

Removed the intake exhaust screen and tightened the belt for the SBR blower room exhaust fan.

Replaced the dissolved oxygen probe on SBR No4 with the dissolved oxygen probe from SBR No2.

Flushed the chemical feed piping from chemical fee pumps MP-33 and MP-34 to SBRs 1, 3 and 4.

Repaired broken utility water supply piping to the fine screen.

The letter to Dave Wolfinger, DEP, from Scott Towler, BFES, was reviewed by the Authority. The Authority is concerned about the phosphorus problem. Kevin wants to be notified immediately of any exceedance, and, in the monthly report, he would like to have the reason for any exceedances.

Any Other Matter

1. The DEP Stream Report was reviewed. Rick commented that the DEP stream report is left over from Miller. We don't know yet what will need to be done. Jack asked about the 5 fingers drains. Mark explained that the 5 fingers drains are working. The problem is after that.

Correspondence and Reports of Interest – Dana acknowledged correspondence that was received.

Public Comment – None

Adjournment

There being no further business, Joe moved to adjourn the meeting. Jack seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:00pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary